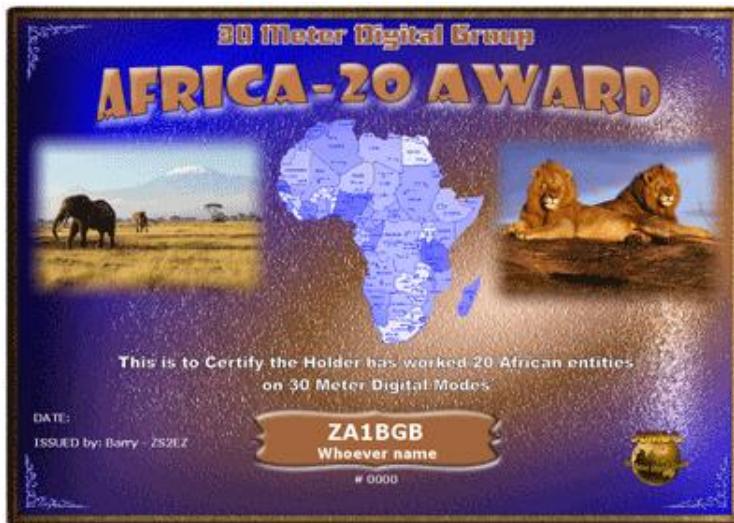




# HF Happenings 789

Volume 15, Issue 52, the week of 2 April 2018



## Three Contests to Start the Month of April

The first leg of the popular SARL 80 metre QSO Party is on the air from 17:00 to 20:00 UTC on Thursday 5 April 2018 with phone activity between 3 603 and 3 650, and 3 700 and 3 800 kHz. Please note that the segment 3 651 to 3 699.99 kHz is contest free. The exchange is your call sign, a RS signal report and your name. You can participate as a Single Operator station or as a Short-Wave Listener. You score 10 points for every contact with a South African station and 15 points for every contact with a station outside South Africa. Log sheets in MS Excel format ONLY must be submitted by 12 April 2018 by e-mail to [zs5lp@voddamail.co.za](mailto:zs5lp@voddamail.co.za)

**Get on the RaDAR....and GO!**



The first RaDAR Challenge for 2018 takes place on Saturday 7 April 2018 from 00:00 to 23:59 UTC. All amateur bands are allowed including cross band contacts via amateur radio satellites will all modes - CW, SSB, FM or any legal amateur radio digital mode. The RaDAR challenge requires more than a minimalistic information exchange. Accurate information exchange is considered more important than a large QSO count. Call sign, name, RS (T) report and grid locator. The grid locator of six characters is acceptable but should preferably be accurate to 8 or 10 characters for higher position accuracy (especially for moving RaDAR stations). Log sheets must be submitted by 14 April 2018 and sent by e-

You can now download your copy of HF Happenings from [www.sarl.org.za/hf\\_happenings.asp](http://www.sarl.org.za/hf_happenings.asp)

## April

- 1 to 7 – Pesach
- 2 – Family Day; World Autism Awareness Day
- 5 – SARL 80 m QSO Party
- 7 – RaDAR Challenge; United Nations World Health Day
- 7 and 8 – SARL VHF/UHF Digital Contest
- 10 – Provincial Schools open
- 12 – International Day for Human Space Flight; closing date for 80 m QSO logs
- 13 - Friggatriskaidekaphobia
- 13 to 15 – SARL National Convention, Pretoria
- 14 – closing date for RaDAR logs
- 16 – closing date for VHF/UHF digital logs
- 18 – World Amateur Radio Day
- 21 – Autumn QRP contest
- 22 – ZS4 Sprint; May RAE registration closes; Earth Day
- 24 – closing date for May Radio ZS
- 27 – Freedom Day
- 28 – Cape Town ARC meeting; closing date for QRP logs
- 30 – closing date for ZS4 logs

## May

- 1 - Worker's Day
- 3 - World Press Freedom Day
- 5 - SDR Workshop at the NARC
- 5 and 6 - AWA Valve QSO Party
- 8 - Time of Remembrance and Reconciliation for Those Who Lost Their Lives during the Second World War
- 10 - Ascension Day
- 12 - World Migratory Bird Day
- 13 - Mother's Day
- 15 - International Day of Families
- 16 - Start of Ramadan
- 19 - May RAE (10:00 to 13:00 CAT) and AMSATSA Space Symposium
- 20 - ZS3 Sprint
- 21 - Closing date for AWA Valve QSO Party logs
- 24 - Closing date for June Radio ZS
- 25 - Cape Town ARC meeting
- 25 and 26 - CQ WPX CW contest; Pretoria ARC rally communications at the Secunda SCC
- 27 - Closing date ZS3 Sprint logs



mail to [edleighton@gmail.com](mailto:edleighton@gmail.com). A photo of the station should accompany every log entry including each new location that moveable RaDAR stations visit. The results and photos are used to promote RaDAR and amateur radio.

The first SARL VHF/UHF Digital Contest using RTTY/PSK/WSJT but not limited to these modes, takes place from 10:00 UTC Saturday 7 April 2018 to 10:00 UTC Sunday 8 April 2018 with activity on 6, 4 and 2 metres, 70 and 23 cm and higher. You can participate as a Single Operator station, a Multi operator station, a Portable/Field Station or a Limited 4 Hour station. Contacts must be two-way point to point. Stations shall exchange signal reports as well as their location e.g. (latitude and longitude or full six-digit Maidenhead locator or accurate area/address/location). Copies of the VHF/UHF log sheet and summary sheet is available in MS Excel format on the League web site. Log sheets must be submitted by 16 April 2018 by e-mail to [contest@sarl.org.za](mailto:contest@sarl.org.za).

Please consult the 2018 SARL Blue Book for all the information on these three contests.

### Pirate Alert



Francois, ZS4X, has notified the SARL Office that his old call sign, ZS6BUU, is being pirated using the FT8 mode. ICASA has confirmed that ZS6BUU has not been re-issued.

Don't waste your time working JX2018A which is a PIRATE station just like previous years (JX2016A and JX2017A). That operator is probably the same guy.

### African DX

*Contacts with stations on the African continent count towards the SARL's All Africa Award ([www.sarl.org.za/public/awards/awards.asp](http://www.sarl.org.za/public/awards/awards.asp))*

Togo 5V, John, N9MDH is operating from Lomé as 5V1JE. Activity until May from 80 to 10 metres using SSB and digital modes. QSL via LoTW.

Burkina Faso XT, Harald, DF2WO is once again active as XT2AW until 15 April. Operation on HF using CW, SSB and digital. QSL via M0OXO.

Senegal, 6W. Franz, DC4CQ will be operating as 6W/call between 14 and 28 April. Activity from 40 to 15 metres using SSB. QSL via home call.

Mozambique, C9. A Belgian team with Kurt, ON8KW, as team leader will be active between 2 and 15 May as C8T. Operation from 160 to 6 metres using CW, SSB and RTTY with 4 stations. A 5th station will operate 2 m EME, 60 m and extra digimodes on all bands. QSL via ON1DX, Club Log OQRS. <https://mozambique2018.wordpress.com/>



### African Islands

IOTA frequencies

CW: 28 040 24 920 21 040 18 098 14 040 10 114 7 030 3 530 kHz

SSB: 28 560 28 460 24 950 21 260 18 128 14 260 7 055 3 760 kHz

Cape Verde, D4. David, CT1EKU, is now active as D44CH from Sal Island (AF-086) until 6 April. Activity will be QRP on various HF bands using SSB and FT8. QSL via LoTW and eQSL.

Cape Verde, D4. Mike, CT1IUA, will be active as D4IA from Sal Island (AF-086) between 1 and 9 April. Activity will be on various HF bands using mostly CW. QSL via CT1IUA.





Mauritius, 3B8. Mart, DL6UAA is operating as 3B8MM until 11 April. He is active from 40 to 10 metres using CW, digital and some SSB. QSL via home call, direct or bureau.

St Brandon Island DXpedition news, 3B7A. The following was posted on the 3B7A Web page on 31 March, "We are now only a few hours from the beginning of the journey to Saint Brandon. We will stay a few days in Mauritius, just the time to collect the remaining equipment like tables, guying anchors, etc.

Let us remind we will only have a limited (and expensive!) satellite internet connection. It will be used once a day to upload logs and exchange information with our Pilot Michel, F6AGM. We invite you to read the QSL Info page. Our QSL Manager Flo, F5CWU, is part of the operators, so any request will only be answered when we'll be back home. To be continued from Mauritius ...

Added Note/Reminder: The team is expected to be on the air sometime around 5 or 6 April and stay until 17 April. Complete details are available at [www.saintbrandondx.com/en](http://www.saintbrandondx.com/en)



Rodrigues Island, 3B9. Vincent, F4BKV, member of the 3B7A team, is now active as 3B9/F4BKV from Rodrigues Island (AF-017). Activity has been on 40 and 15 meters SSB so far. QSL via his home call sign.

Mozambique, C9. Vasily, R7AL, Vasily RA1ZZ, AI RZ3K and Vlad RK8A will be operating as C96RCC and C98RCC between 29 April and 9 May. Activity from 40 to 10 metres using CW, SSB and digital modes. QSL via R7AL, Club Log OQRS. <https://dxpedition.wixsite.com/mozambique>

Mozambique Island IOTA AF-088 29 April to 3 May [www.rsgbiota.org/info/search.php?q=af088](http://www.rsgbiota.org/info/search.php?q=af088).

Inhaca Island IOTA AF-066 5 to 9 May [www.rsgbiota.org/info/search.php?q=af066](http://www.rsgbiota.org/info/search.php?q=af066)

Cape Verde, D4. Harald, DF2WO will again be operating in 'holiday-style' as D44TWO during May. Operation from 40 to 10 metres. QSL via M0OXO.

Reunion Island, FR. Alain, F1FJR will be active as FR/call between 5 and 15 May. Operation from 80 to 10 metres using FT8. QSL via home call, direct or bureau.

Sao Tome, S9. David, EB7DX will be operating in 'holiday-style' between 1 and 9 June. Call sign is pending. Activity from 40 to 6 metres using mostly SSB, RTTY, FT8 and some CW. QSL via home call.

Annonbon Island, 3C0W. 3C0W is QRT and is now back home as of 28 March. They left Malabo, Equatorial Guinea, Tuesday evening (27 March), when their flight home was scheduled. In 14 days of operation, the team made over 54 267 QSOs. The full 3C0W log is uploaded to Clublog. They also posted some photos at [www.lral.lv/3c0w\\_3c3w/photos.html](http://www.lral.lv/3c0w_3c3w/photos.html). QSL via YL2GN direct or ClubLog's OQRS (direct or Bureau). See their Web page for more details at [www.lral.lv/3c0w\\_3c3w/index.html](http://www.lral.lv/3c0w_3c3w/index.html)

## 2017 CQ WW DX SSB Results

Check log  
Gary Potgieter, ZS5NK

Rookie  
Dylan John Macdonald, ZS2MAC – 1 320 points from 20 QSOs, 9 zones and 13 countries

Multi-op two transmitters  
The Port Elizabeth ARS, ZS2PE - 97 439 points from 438 QSOs, 42 zones and 97 countries

#### Single Operator

Sidney Smith, ZS1TMJ – all band high power 122 106 points from 350 QSOs, 50 zones and 91 countries  
Ulric Staffen, ZS2ABE – all band high power 60 391 points from 204 QSOs, 44 zones and 87 countries  
Simon Cammies, ZS1XG – all band high power 14 960 points from 72 QSOs, 32 zones and 56 countries  
Hugo Ras, ZS2HR – all band high power 11 926 points from 74 QSOs, 32 zones and 35 countries  
Dylan John Macdonald, ZS2MAC – all band high power 1 320 points from 20 QSOs, 9 zones and 13 countries  
Oleg Neruchev, ZS9Z – 21 MHz high power 46 230 points from 249 QSOs, 17 zones and 52 countries (ZS1OIN)  
Sam Ford, ZS6BRZ – 21 MHz high power 24 528 points from 130 QSOs, 25 zones and 59 countries  
Barry Nugent, ZS2NF – all band low power 60 140 points from 172 QSOs, 39 zones and 85 countries  
Paul Johnson, ZS1S – all band low power 46 494 points from 135 QSOs, 37 zones and 89 countries  
Richard Hooper, ZS6RKE – all band low power 1 350 points from 21 QSOs, 11 zones and 16 countries  
Gert Rautenbach, ZR6GR – all band high power assisted 137 274 points from 301 QSOs, 52 zones and 115 countries  
Fred Andreas, ZS5SAM - all band low power assisted 154 105 points from 307 QSOs, 53 zones and 132 countries

#### Logbook of the World now supporting CQ WAZ Award

Officials from CQ magazine and the ARRL, the national association for Amateur Radio®, are excited to announce the launch of support for CQ magazine's Worked All Zones (WAZ) award program on ARRL's Logbook of the World (LoTW) system, effective Monday 2 April at 10:00 EDT or 14:00 UTC.

The goal of the project was to create the proper technical support system to enable amateur radio operators to submit LoTW confirmations for WAZ credit and that has been accomplished, say CQ and ARRL officials.

"We are very pleased that participants in CQ's WAZ award program will now be able to use their LoTW confirmations for award credit," said CQ Editor Rich Moseson, W2VU. "CQ WPX Award participants have found it very helpful and we are sure it will be equally helpful for those pursuing WAZ and its many variations." ARRL First Vice President Greg Widin, K0GW, concurred. "Users of LoTW have been telling us for some time that they would like to use QSLs from LoTW to apply for the WAZ award. They will now be able to select confirmations to be used for WAZ credit."

Beta testing for bringing CQ magazine's WAZ award program into ARRL's LoTW system had been underway since mid-December. Any problems in the implementation discovered by testers were corrected by the technical support team. Also, the documentation has been improved by feedback from the testers. At the same time, each LoTW user was given an additional WAZ account.

Standard LoTW credit fees and separate CQ award fees will apply.

Logbook of the World is ARRL's electronic confirmation system for amateur radio contacts. It provides a confirmation when both stations in a contact submit their logs to the system and a match between the logs is confirmed. LoTW has supported the CQ WPX Award program since 2012.

#### FT8 Hinson Tips for HF DXers

The author of the "FT8 Hinson Tips for HF DXers" (PDF) [www.g4ifb.com/FT8\\_Hinson\\_tips\\_for\\_HF\\_DXers.pdf](http://www.g4ifb.com/FT8_Hinson_tips_for_HF_DXers.pdf) is Gary, ZL2IFB. His document has also been translated into German [www.darc.de/fileadmin/filemounts/distrikte/c\\_ortsverbaende/09/FT8\\_Anleitung\\_1\\_13.pdf](http://www.darc.de/fileadmin/filemounts/distrikte/c_ortsverbaende/09/FT8_Anleitung_1_13.pdf) and Czech [http://ok2pad.webz.cz/wsjt/ft8\\_hinson\\_tips.pdf](http://ok2pad.webz.cz/wsjt/ft8_hinson_tips.pdf), courtesy of Ekkehard, DJ5EJ and Zdenek, OK2PAD.

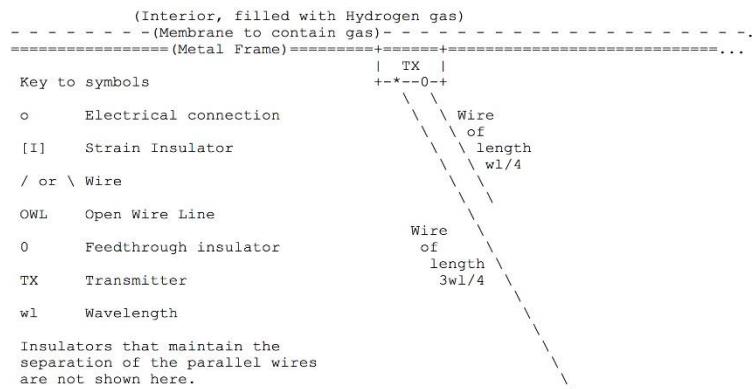
Wie gaan dit na Afrikaans vertaal?



## The Zepp antenna

Chuck, W1HIS, thought the description in the last issue of the Zepp antenna was imprecise, subject to misinterpretation and I agree. Here are his comments, "I suspect that the Zeppelin antenna and its feed line were configured as shown by the following drawing:

In this scheme, no high voltage appears near the metal frame of the Zeppelin. High voltage appears between the two parallel wires near the open end of the  $wl/4$  wire and there is high voltage near the open end of the  $3wl/4$  wire."



## FT8 and the Reverse Beacon Network

The Reverse Beacon Network (RBN) <http://reversebeacon.net/> is starting to incorporate FT8 spots. According to a post by Pete, N4ZR, "We have three Skimmers running an experimental Aggregator that receives UDP messages from WSJT-X and forwards FT8 spots to the RBN...many rare DX stations never explicitly repeat (their) CQs. To get around this, Dick, W3OA, has programmed the Aggregator to respond to a unique standard FT8 message format that is always associated with stations being called, rather than those calling them. We label these as CQ spots, though we're aware it's a misnomer."

## The synthesized voice keyer

Marty, W8AKS, suggests checking out the synthesized voice keyer of OK1FIG's *HamRacer* software. "The software also does CW, has self-contained logging and duping. Check it out on Google or YouTube. [www.youtube.com/watch?v=CDPJp72oSiU](http://www.youtube.com/watch?v=CDPJp72oSiU)"

## Word to the Wise

Multipath - when a single transmitted signal is received by an antenna via more than one path, the signal is said to be multipath. Different paths can exist due to many reasons including signal reflections from objects and changes in the ionosphere. With HF signals received with omnidirectional antennas, multipath signals can be indicated by echo characteristics of the audio due to the different signal arrival times.

## Exploring the Mysteries of Long and Skewed Path DXing

A presentation from 2014 entitled "Exploring the Mysteries of Long and Skewed Path DXing" contains a number of audio examples of long-path propagation, as well as hints on when to find these non-traditional multiplier paths if operating near Southern California <http://www.sddxc.org/Long%20Path.pps>. The panel discussion by W6YA, K6NA and W6YI was part of the January 2016 San Diego DX Club meeting.

## Operating Tip

Adapt Messages During a Contest - when running, higher rates can be obtained by changing your messages in response to a deepening pileup. In phone contests, you can just change what you say. For CW and RTTY contests, by setting up your messages appropriately in your logging program or you can shorten them on the fly by pressing the "stop sending" key in your logging program. This is usually the ESCape key. For example, here is a sample contact, starting with the CQ.

My CQ message: CQ N9ADG  
I hear: W0XXX ... (weaker) Y

This indicates to me that there is likely at least one other station is calling. I do not have the full call of the second caller, just one letter.

I send my exchange message: W0XXX 5NN WA



The other station sends: 5NN MO

My thank you message is "TU N9ADG CQ."

Because I know there is another caller waiting, I log the contact with W0XXX and start sending the "thank you" message, but I hit ESC just after I hear "TU" sent in my headphones. I do not need to send my call, because the other person calling likely copied my call and does not need it again. Even better, I could send "Y ?" after the TU, so that ideally only that one station would respond. Furthermore, if I thought conditions were excellent and callers were well behaved, I might risk sending "Y ? 5NN WA," trusting that the other operator would send his/her call, realizing I did not have it. But that is risking the chance that I would need a fill if they don't send their call. Fills are rate killers and can scare off any other callers that are waiting.

You could avoid having to time ESC keypresses by setting up additional macros to address multiple situations.

## The WSJT-X FT8 DXpedition mode

The WSJT-X FT8 DXpedition mode will have its second official on-the-air test on 7 April <https://source-forge.net/p/wsjt/mailman/wsjt-devel/thread/9a782ffd-4347-1a9b-7ac8-7e0e1c8b47c1%40princeton.edu/>.

Despite the program authors' warnings not to use the new mode except in test configurations and not to use it in the existing FT8 or other digital mode segments, some have found the potential for reasonable rates under poor band conditions too tempting. Disruption and hard feelings among other band users ensued. WSJT-X's DXpedition mode requires the latest software and proper configuration on both ends and the public test is an opportunity to try the latest pre-release software in a setting that attempts to minimize disruption and maximize the chances for knowledge transfer and success.

## Myanmar

Simon, HSOZIB, was signing XZ2A last week and is "the first resident amateur radio station in Myanmar since 1962". Currently, Simon is in Bangkok for a couple of weeks collecting some amateur gear before returning to Naypyitaw. He is a British 'ham', that is living in Naypyitaw - the new capital city of Myanmar. Simon teaches English, science and STEM at an international school. He also runs a 'one-man-band' educational charity called 'TeacherSimon.org'. His license states that he can use 15, 12 and 10 meters only and can operate on SSB and various Digital modes. QSL via LoTW or ClubLog's OQRS. For more details and updates, watch for his posts on QRZ.com at [www.qrz.com/db/XZ2A](http://www.qrz.com/db/XZ2A)

## Israeli 60 m permits now available on yearly basis:

For several years Israeli Amateurs have had access to 8 three kilohertz-wide channels at 5 MHz by means of personal permits. Permission was initially valid from the application approval date until mid-March 2014. Permits are now renewable in April of each year. Operation is on a secondary status with a maximum power of 100 W PEP measured at the TX (not EIRP). All modes are available, but on specified channels. Split operation is not allowed. For further details, see the Wikipedia 60 Meter Band page [https://en.wikipedia.org/wiki/60-meter\\_band](https://en.wikipedia.org/wiki/60-meter_band)

## Contest Calendar

This week's contests as compiled by Bruce Horn, WA7BNM. The period covered is 2 to 9 April 2018

IQRP Quarterly Marathon  
08:00 UTC 2 April to 20:00 UTC 8 April  
Geographic Focus: Worldwide  
Participation: Worldwide  
Mode: CW, SSB, Digital  
Bands: All  
Classes: Single Op  
Max power: 5 W  
Exchange: RS(T)  
Work stations: Once per mode  
QSO Points: 3 points per CW QSO; 2 points per SSB QSO; 1 point per digital QSO  
Multipliers: km/100 of QSO with maximum distance

Score Calculation: Total score = total QSO points x distance mult  
Submit logs by: 22 April 2018  
E-mail logs to: [iqrclub@arimontebelluna.it](mailto:iqrclub@arimontebelluna.it)  
Mail logs to: (none)  
Find rules at: [http://www.arimontebelluna.it/news/news\\_maratona\\_uk.htm](http://www.arimontebelluna.it/news/news_maratona_uk.htm)

RSGB 80 m Club Championship, CW  
19:00 - 20:30 UTC 2 April  
Geographic Focus: United Kingdom  
Participation: Worldwide  
Awards: United Kingdom  
Mode: CW



Bands: 80 m Only Classes: (none) Exchange: RST and serial no QSO Points: 1 point per QSO Multipliers: (none) Score Calculation: (see rules) Submit logs by: 23:59 UTC 3 April 2018 Upload log at: <a href="http://www.rsgbcc.org/cgi-bin/hfenter.pl">http://www.rsgbcc.org/cgi-bin/hfenter.pl</a> Mail logs to: (none) Find rules at: <a href="http://www.rsgbcc.org/hf/rules/2018/r80mcc.shtml">http://www.rsgbcc.org/hf/rules/2018/r80mcc.shtml</a>	13:00 - 14:00 UTC and 19:00 - 20:00 UTC 4 April and 03:00 UTC-04:00 UTC 5 April Geographic Focus: Worldwide Participation: Worldwide Awards: Worldwide Mode: CW Bands: 160, 80, 40, 20, 15, 10 m Classes: Single Op - QRP, low or high Max power: HP: >100 watts; LP: 100 watts; QRP: 5 watts Exchange: Member: Name and member no; non-Member: Name and state, province or country Work stations: Once per band QSO Points: 1 point per QSO Multipliers: Each call once Score Calculation: Total score = total QSO points x total mults Submit logs by: 04:00 UTC 7 April 2018 Post log summary at: <a href="http://www.3830scores.com">http://www.3830scores.com</a> Mail logs to: (none) Find rules at: <a href="http://www.cwops.org/cwt.html">http://www.cwops.org/cwt.html</a>
ARS Spartan Sprint 01:00 - 03:00 UTC 3 April Geographic Focus: North America Participation: Worldwide Mode: CW Bands: 80, 40, 20, 15, 10 m Classes: Skinny; Tubby Max power: 5 watts Exchange: RST, state, province or country and power Work stations: Once per band Submit logs by: 5 April 2018 E-mail logs to: <a href="mailto:spartansprint@yahoo.com">spartansprint@yahoo.com</a> Mail logs to: (none) Find rules at: <a href="http://arsqrp.blogspot.com/2009/02/so-whats-spartan-sprint-and-how-do-i.html">http://arsqrp.blogspot.com/2009/02/so-whats-spartan-sprint-and-how-do-i.html</a>	UKEICC 80 m Contest 19:00 - 20:00 UTC 4 April Geographic Focus: Europe Participation: Worldwide Mode: SSB Bands: 80 m Only Classes: Single Op Connected - QRP, low or high; Single Op Unconnected - QRP, low or high Max power: HP: 1 500 watts; LP: 100 watts; QRP: 5 watts Exchange: 4-Character grid square QSO Points: 1 point per 500 km; multiply QSO points by 2 if low power station; multiply QSO points by 4 if QRP station Multipliers: (none) Score Calculation: Total score = total QSO points Submit logs by: 21:00 UTC April 4, 2018 E-mail logs to: (none) Upload log at: <a href="http://logs.ukeicc.com/cgi-bin/hfenter.pl">http://logs.ukeicc.com/cgi-bin/hfenter.pl</a> Mail logs to: (none) Find rules at: <a href="http://www.ukeicc.com/which-contest/which-contest-ukeicc-80m-contests-rules">http://www.ukeicc.com/which-contest/which-contest-ukeicc-80m-contests-rules</a>
Phone Fray 02:30 - 03:00 UTC 4 April Geographic Focus: North America Participation: Worldwide Mode: SSB Bands: 160, 80, 40, 20, 15 m Classes: Single Op Max power: 100 watts Exchange: NA: Name and state, province or country; non-NA: Name Work stations: Once per band QSO Points: NA station: 1 point per QSO; non-NA station: 1 point per QSO with an NA station Multipliers: Each US state (including KH6/KL7) once per band; Each VE province/territory once per band; Each North American country (except W/VE) once per band Score Calculation: Total score = total QSO points x total mults Submit logs by: 03:00 UTC 6 April 2018 E-mail logs to: (none) Post log summary at: <a href="http://www.3830scores.com">http://www.3830scores.com</a> Mail logs to: (none) Find rules at: <a href="http://www.perluma.com/Phone_Fray_Contest_Rules.pdf">http://www.perluma.com/Phone_Fray_Contest_Rules.pdf</a>	SARL 80 m QSO Party 17:00 - 20:00 UTC 5 April Geographic Focus: Worldwide Participation: Worldwide Mode: SSB Bands: 80 m Only Classes: Single Op Exchange: RS, serial no, grid locator or QTH QSO Points: 10 points per QSO with South African station; 15 points per QSO with non-South African station

CWops Mini-CWT Test

<p>Multipliers: (none)</p> <p>Score Calculation: Total score = total QSO points</p> <p>Submit logs by: 12 April 2018</p> <p>E-mail logs to: <a href="mailto:zs5lp@vodamail.co.za">zs5lp@vodamail.co.za</a></p> <p>Mail logs to: (none)</p> <p>Find rules at: <a href="http://www.sarl.org.za/Web3/Members/DoDocDown-load.aspx?X=201712180812348XdiUz5yFy.PDF">http://www.sarl.org.za/Web3/Members/DoDocDown-load.aspx?X=201712180812348XdiUz5yFy.PDF</a></p>	<p>Post log summary at: <a href="http://www.3830scores.com/">http://www.3830scores.com/</a></p> <p>Mail logs to: (none)</p> <p>Find rules at: <a href="http://www.nccsprint.com/rules.html">http://www.nccsprint.com/rules.html</a></p>
<p>NRAU 10 m Activity Contest</p> <p>17:00 - 18:00 UTC (CW) and 18:00 - 19:00 UTC (SSB) and 19:00 - 20:00 UTC (FM) and 20:00 - 21:00 UTC (Dig) 5 April</p> <p>Geographic Focus: Nordic Europe</p> <p>Participation: Worldwide</p> <p>Mode: CW, SSB, FM, Digital</p> <p>Bands: 10 m Only</p> <p>Classes: (none)</p> <p>Exchange: RS(T) and 6-character grid square</p> <p>QSO Points: (see rules)</p> <p>Multipliers: (none)</p> <p>Score Calculation: Total score = total QSO points</p> <p>Submit logs by: 19 April 2018</p> <p>Upload log at: <a href="http://ua9qcq.com/en/submit_log.php?lang=en">http://ua9qcq.com/en/submit_log.php?lang=en</a></p> <p>Mail logs to: (none)</p> <p>Find rules at: <a href="http://www.nrau.net/activity-contests/below-30mhz.html">http://www.nrau.net/activity-contests/below-30mhz.html</a></p>	<p>LZ Open 40 m Sprint Contest: 04:00 UTC-08:00 UTC 7 April</p> <p>Geographic Focus: Worldwide</p> <p>Participation: Worldwide</p> <p>Mode: CW</p> <p>Bands: 40 m Only</p> <p>Classes: Single Op - QRP, low or high; Multi-Op; Straight Key; Lady Ops</p> <p>Max power: QRP: 5 W</p> <p>Exchange: 3-Digit serial no and 3-digit serial no received from last QSO</p> <p>Work stations: Once each 30 minutes</p> <p>QSO Points: 1 point per QSO</p> <p>Multipliers: (none)</p> <p>Score Calculation: Total score = total QSO points</p> <p>Submit logs by: 17 April 2018</p> <p>E-mail logs to: <a href="mailto:LZ1GL@yahoo.com">LZ1GL@yahoo.com</a></p> <p>Mail logs to: (none)</p> <p>Find rules at: <a href="http://www.lzopen.com/lzocc40/indexF.htm">http://www.lzopen.com/lzocc40/indexF.htm</a></p>
<p>NCCC RTTY Sprint</p> <p>01:45 - 02:15 UTC 6 April</p> <p>Geographic Focus: North America</p> <p>Participation: Worldwide</p> <p>Mode: RTTY</p> <p>Bands: (see rules)</p> <p>Classes: (none)</p> <p>Exchange: Serial no, name and QTH</p> <p>Score Calculation: Total score = total QSO points x total mults</p> <p>Submit logs by: 8 April 2018</p> <p>E-mail logs to: (none)</p> <p>Post log summary at: <a href="http://www.3830scores.com/">http://www.3830scores.com/</a></p> <p>Mail logs to: (none)</p> <p>Find rules at: <a href="http://www.nccsprint.com/rttyns.html">http://www.nccsprint.com/rttyns.html</a></p>	<p>PODXS 070 Club PSK 31 Flavours Contest</p> <p>10:00 UTC 7 April to 04:00 UTC 8 April</p> <p>Geographic Focus: Worldwide</p> <p>Participation: Worldwide</p> <p>Mode: BPSK31, QPSK31, BPSK63, QPSK63, BPSK125, QPSK125</p> <p>Bands: 20 m Only</p> <p>Classes: QRP; Low; Medium</p> <p>Max operating hours: 6 hours</p> <p>Max power: Medium: 50 watts; Low: 20 watts; QRP: 5 watts</p> <p>Exchange: 070 members: state, province or country and member no; Non-members: state, province or country and name</p> <p>Work stations: Once per PSK variant</p> <p>QSO Points: 1 point per QSO</p> <p>Multipliers: Each state, province and DXCC country once per mode</p> <p>Score Calculation: Total score = total QSO points x total mults</p>
<p>NCCC Sprint</p> <p>02:30 - 03:00 UTC 6 April</p> <p>Geographic Focus: North America</p> <p>Participation: Worldwide</p> <p>Mode: CW</p> <p>Bands: (see rules)</p> <p>Classes: (none)</p> <p>Exchange: Serial no, name and QTH</p> <p>Score Calculation: Total score = total QSO points x total mults</p> <p>Submit logs by: 8 April 2018</p> <p>E-mail logs to: (none)</p>	<p>Submit logs by: 15 April 2018</p> <p>Upload log at: <a href="http://hamclubs.info/scorer">http://hamclubs.info/scorer</a></p> <p>Mail logs to: (none)</p> <p>Find rules at: <a href="http://www.podxs070.com/o7o-club-sponsored-contests/31-flavors">http://www.podxs070.com/o7o-club-sponsored-contests/31-flavors</a></p>
	<p>SKCC Weekend Sprintathon</p> <p>12:00 UTC 7 April to 24:00 UTC 8 April</p> <p>Geographic Focus: Worldwide</p> <p>Participation: Worldwide</p> <p>Awards: Worldwide</p> <p>Mode: CW</p>



Bands: 160, 80, 40, 20, 15, 10, 6 m  
Classes: (none)  
Max operating hours: 24  
Exchange: RST, state, province or country, name and SKCC no or "NONE"  
Work stations: Once per band  
QSO Points: 1 point per QSO  
Bonus Points: (see rules)  
Multipliers: Each state, province, or country once  
Score Calculation: Total score = (total QSO points x total mults) and bonus points  
Submit logs by: 15 April 2018  
Post log summary at: [http://www.skccgroup.com/operating\\_activities/weekend\\_sprintathon/submit-display.php](http://www.skccgroup.com/operating_activities/weekend_sprintathon/submit-display.php)  
Mail logs to: (none)  
Find rules at: [http://www.skccgroup.com/operating\\_activities/weekend\\_sprintathon/](http://www.skccgroup.com/operating_activities/weekend_sprintathon/)

Mississippi QSO Party  
14:00 UTC 7 April to 02:00 UTC 8 April  
Geographic Focus: United States/Canada state/province QSO party  
Participation: Worldwide  
Mode: CW, SSB, Digital  
Bands: 80, 40, 20, 15, 10, VHF/UHF  
Classes: Single Op; Multi-Op; Mobile; Mobile and Driver; Portable Single Op; Portable Multi-Op  
Exchange: MS: RS(T) and county; non-MS: RS(T) and state, province or country  
Work stations: Once per band per mode  
QSO Points: 1 point per phone QSO; 2 points per CW/digital QSO  
Multipliers: MS stations: Each MS county, state, province, and DXCC country once; Non-MS stations: Each MS county once  
Score Calculation: Total score = total QSO points x total mults  
Submit logs by: 30 April 2018  
E-mail logs to: [w5xx@vicksburg.com](mailto:w5xx@vicksburg.com)  
Mail logs to: Vicksburg ARC, 64 Lake Circle Drive, Vicksburg, MS 39180, USA  
Find rules at: [http://www.arrlmiss.org/2018-2018\\_MSQP\\_Rules.pdf](http://www.arrlmiss.org/2018-2018_MSQP_Rules.pdf)

Missouri QSO Party  
14:00 UTC 7 April to 04:00 UTC 8 April and 14:00 - 20:00 UTC 8 April  
Geographic Focus: United States/Canada state/province QSO party  
Participation: Worldwide  
Mode: CW, Phone, Digital  
Bands: 160, 80, 40, 20, 15, 10, VHF/UHF  
Classes: Missouri Fixed - Single Op - QRP, low or high or Multi-Op; Missouri Expedition - Single Op - QRP, low or high or Multi-Op; Missouri Rover - Single Op LP - CW, SSB or mixed or Multi-Multi Unlimited or

Multi-Op LP); Non-Missouri - Single Op - QRP, low or high or Multi-Op Canada); DX  
Max power: HP: >150 watts; LP: 150 watts; QRP: 5 watts  
Exchange: MO: RS(T) and county; non-MO W/VE: RS(T) and state, province or territory; DX: RS(T) and "DX"  
Work stations: Once per band per mode  
QSO Points: 1 point per phone QSO; 2 points per CW/digital QSO; Bonus: 100 points for at least one QSO with a special event station (W0MA, KOH); Bonus: 100 points for submitting a Cabrillo log electronically  
Multipliers: MO: Each MO county, state, province and territory once; MO: Maximum of one DXCC country once; Non-MO: Each MO county once  
Score Calculation: Total score = (total QSO points x total mults) and bonus  
Submit logs by: 8 May 2018  
E-mail logs to: [moqso@w0ma.org](mailto:moqso@w0ma.org)  
Mail logs to: Boeing Employees' Amateur Radio Society W0MA, c/o George Mackus, AB0RX, 11841 Wexford Place Drive, Maryland Heights, MO 63043, USA  
Find rules at: <http://www.w0ma.org/index.php/missouri-qso-party>

Texas State Parks on the Air  
14:00 UTC 7 April to 02:00 UTC 8 April and 14:00 - 20:00 UTC 8 April  
Geographic Focus: United States/Canada state/province QSO party  
Participation: Worldwide  
Mode: All  
Bands: All, except WARC  
Classes: Single Op TX Park (QRP/Low); Single Op - QRP, low or high; Multi-Single TX Park (QRP/Low); Multi-Multi TX Park (QRP/Low)  
Max power: QRP: 5 watts CW, 10 watts phone; LP: 150 watts; HP: >150 watts  
Exchange: TX Park: RS(T) and park abbreviation; W/VE: RS(T) and state or province; DX: RS(T) and "DX"  
Work stations: Once per band per mode  
QSO Points: 2 points per CW/digital QSO; 1 points per phone QSO; 5 points for at least one QSO with K5LRK  
Multipliers: Each TX park once  
Power: QRP: 3 X, Low: 2 X, High: 1 X  
Score Calculation: Total score = total QSO points x total mults x power mult  
Submit logs by: 31 May 2018  
E-mail logs to: [logs@tspota.com](mailto:logs@tspota.com)  
Mail logs to: (none)  
Find rules at: <http://www.tspota.org/rules>

Florida State Parks on the Air  
14:00 UTC-22:00 UTC 7 April and 14:00 UTC-22:00 UTC 8 April



Geographic Focus: United States/Canada state/province QSO party  
Participation: Worldwide  
Mode: CW, SSB, Digital  
Bands: 80, 40, 20, 15, 10 m  
Classes: Single Op - FL Park, FL or non-FL - QRP, low or high - CW, SSB, digital or mixed; Multi-Single - FL Park, FL or non-FL - QRP, low or high - CW, SSB, digital or mixed; Multi-Multi - FL Park, FL or non-FL - QRP, low or high - CW, SSB, digital or mixed  
Max power: QRP: 5 watts; LP: 100 watts; HP: >100 watts  
Exchange: FL Park: park ID; non-FL Park: state or province; DX: RS(T) and "DX"  
Work stations: Once per band per mode  
QSO Points: 1 point per QSO; Bonus: 10 points per QSO with K4LKL; Bonus: 35 points for at least one QSO via satellite  
Multipliers: Each FL park once per band per mode  
Score Calculation: Total score = (total QSO points x total mults) and bonus points  
Submit logs by: 22 April 2018  
E-mail logs to: [logs@flspota.org](mailto:logs@flspota.org)  
Mail logs to: Matthew Stevens, KK4FEM, 210 Lena Vista Blvd, Auburndale, FL 33823, USA  
Find rules at: <http://flspota.org/rules/>

SP DX Contest  
15:00 UTC 7 April to 15:00 UTC 8 April  
Geographic Focus: Poland  
Participation: Worldwide  
Mode: CW, SSB  
Bands: 160, 80, 40, 20, 15, 10 m  
Classes: Single Op All Band Mixed - QRP, low or high; Single Op Three Band Mixed; Single Op All Band Phone (Low/High); Single Op All Band CW (Low/High); Single Op Single Band Phone; Single Op Single Band CW; Multi-Op All Band Mixed; SWL Mixed  
Max power: HP: >100 watts; LP: 100 watts; QRP: 5 watts  
Exchange: SP: RS(T) and 1-character province; non-SP: RS(T) and serial no  
Work stations: Once per band per mode  
QSO Points: SP: 3 points per QSO outside of Europe; SP: 1 point per QSO with non-SP Europe; non-SP: 3 points per QSO with SP  
Multipliers: SP: Each DXCC country once per band regardless of mode; non-SP: Each SP province once per band regardless of mode  
Score Calculation: Total score = total QSO points x total mults  
Submit logs by: 30 April 2018  
E-mail logs to: [spdxc-logs@pzk.org.pl](mailto:spdxc-logs@pzk.org.pl)  
Upload log at: <https://spdxc-2018.pzk.org.pl/2018/sendlog.php>

Mail logs to: Polski Związek Krotkofałowcow, SPDX Contest Committee, PO Box 320, 00-950 Warszawa, Poland  
Find rules at: <https://spdxc-2018.pzk.org.pl/2018/rules.php>

EA RTTY Contest: 16:00 UTC 7 April to 16:00 UTC 8 April  
Geographic Focus: Worldwide  
Participation: Worldwide  
Mode: RTTY  
Bands: 80, 40, 20, 15, 10 m  
Classes: Single Op All Band - QRP, low or high; Single Op Single Band; Multi-Op  
Max power: High: >100 watts; Low: 100 watts; QRP: 5 watts  
Exchange: EA: RSQ and province; non-EA: RSQ and serial no  
Work stations: Once per band  
QSO Points: EA: 2 points per QSO with EA; EA: 1 point per QSO with non-EA; non-EA: 3 points per QSO with EA; non-EA: 1 point per QSO with non-EA  
Multipliers: Each EADX100 entity once per band; Each EA province once per band; Each QSO with EA4URE once per band; Each USA, VE, JA or VK call area once per band  
Score Calculation: Total score = total QSO points x total mults  
Submit logs by: 23 April 2018  
E-mail logs to: (none)  
Upload log at: <http://concursos.ure.es/en/logs/>  
Mail logs to: (none)  
Find rules at: <http://concursos.ure.es/en/earty/bases/>

North American SSB Sprint Contest  
00:00 - 04:00 UTC 8 April  
Geographic Focus: North America  
Participation: Worldwide  
Awards: North America  
Mode: SSB  
Bands: 80, 40, 20 m  
Classes: Single Op - QRP, low or high  
Max operating hours: 4 hours  
Max power: HP: 1 500 watts; LP: 100 watts; QRP: 5 watts  
Exchange: other station's call, your call, serial no, your name and your state, province or country  
Work stations: Once per band  
QSO Points: NA station: 1 point per QSO; non-NA station: 1 point per QSO with an NA station  
Multipliers: Each US state and DC (including KL7 and KH6) once; Each VE province once; Each North American country (except W/VE) once  
Score Calculation: Total score = total QSO points x total mults



Submit logs by: 04:00 UTC 15 April 2018  
E-mail logs to: (see rules, web upload preferred)  
Upload log at: <http://ssbsprint.com/submit-log/>  
Mail logs to: Robert Hayes, KW8N, 9192 Bender Rd,  
N. Ridgeville, OH 44039, USA  
Find rules at: <http://ssbsprint.com/rules/>

4 States QRP Group Second Sunday Sprint  
00:00 - 02:00 UTC 9 April  
Geographic Focus: North America  
Participation: Worldwide  
Mode: CW, SSB  
Bands: 160, 80, 40, 20, 15, 10 m  
Classes: Single Op

Exchange: Member: RS(T), state, province or country and member no; Non-member: RS(T), state, province or country and power  
Work stations: Once per band  
QSO Points: 1 point per QSO with non-member; 2 points per QSO with member  
Multipliers: (none)  
Score Calculation: Total score = total QSO points  
Submit logs by: 11 April 2018  
E-mail logs to: (none)  
Post log summary at: <http://qrpcontest.com/4sqrp>  
Mail logs to: (none)  
Find rules at:  
[http://www.4sqrp.com/SSS/sss\\_rules.pdf](http://www.4sqrp.com/SSS/sss_rules.pdf)

## NCDXF Newsletter

The Northern California DX Foundation (NCDXF) "2018 Spring" newsletter (20 pages) is now available online at <http://www.ncdx.org/newsletters/2018-SPRING.pdf>

## Next Week's Contests

NAQCC CW Sprint, 00:30 - 02:30 UTC 11 April  
Phone Fray, 02:30 - 03:00 UTC 11 April  
CWops Mini-CWT Test, 13:00 - 14:00 UTC and 19:00 - 20:00 UTC 11 April and 03:00 - 04:00 UTC 12 April  
RSGB 80 m Club Championship, SSB, 19:00 - 20:30 UTC 11 April  
NCCC RTTY Sprint, 01:45 - 02:15 UTC 13 April  
NCCC Sprint, 02:30 - 03:00 UTC 13 April  
QRP ARCI Spring QSO Party, 00:00 - 23:59 UTC 14 April  
JIDX CW Contest, 07:00 UTC 14 April to 13:00 UTC 15 April  
OK/OM DX Contest, SSB, 12:00 UTC 14 April to 12:00 UTC 15 April  
F9AA Cup, PSK, 12:00 UTC 14 April to 12:00 UTC 15 April  
New Mexico QSO Party, 14:00 UTC 14 April to 02:00 UTC 15 April  
Georgia QSO Party, 18:00 UTC 14 April to 03:59 UTC and 14:00 - 23:59 UTC 15 April  
North Dakota QSO Party, 18:00 UTC 15 April to 18:00 UTC 16 April  
Yuri Gagarin International DX Contest, 21:00 UTC 14 April to 21:00 UTC 15 April  
International Vintage Contest HF, 12:00 - 18:00 UTC 15 April  
WAB 3,5, 7 and 14 MHz Data Modes, 12:00 - 14:00 UTC (RTTY); 14:00 - 16:00 UTC (PSK); 18:00 - 20:00 UTC (RTTY) and 20:00 - 22:00 UTC 15 April (PSK)  
Hungarian Straight Key Contest, 15:00 - 17:00 UTC 15 April  
ARRL Rookie Roundup, SSB, 18:00 - 23:59 UTC 15 April  
Run for the Bacon QRP Contest, 01:00 - 03:00 UTC 16 April

*Items used with acknowledgement to the ARRL Letter, the ARRL DX News, the ARRL Contest Update, OPDX Bulletin, 425 DX Bulletin, DXNL Newsletter, WIA-News, the RSGB News, DxCoffee, Southgate ARC News, DX World and the Amateur Radio Newsletter*